

Iowa Department of Natural Resources
Wastewater Section

Construction Permit Application

SCHEDULE H2, Treatment Process Loading and Removal Efficiency

DATE PREPARED	PROJECT IDENTITY				DNR USE		
DATE REVISED					PROJECT NO.		
					PERMIT NO.		

1. Project:

A. Design Basis:

ADW - _____	MGD		BOD ₅	TSS	TKN
AWW - _____	MGD	PEAK MONTH	_____/day	_____/day	_____/day
MWW - _____	MGD	PEAK DAY	_____/day	_____/day	_____/day
PHWW - _____	MGD				
Design Temperature - _____	° F				

B. Iowa Operation Permit

Effluent Limits:

	Monthly Average*		Daily Maximum	
	mg/l	#/day	mg/l	#/day
BOD ₅	_____	_____	_____	_____
TSS	_____	_____	_____	_____
NH ₃ -N	_____	_____	_____	_____

*with a minimum monthly average removal rate of _____ %

2. Processes -

	AWW			MWW		
	mg/l	#/day	% removal	mg/l	#/day	% removal
A. Primary treatment - description:						
BOD ₅	_____	_____	_____	_____	_____	_____
TSS	_____	_____	_____	_____	_____	_____
NH ₃ -N	_____	_____	_____	_____	_____	_____
B. Secondary treatment - description:						
BOD ₅	_____	_____	_____	_____	_____	_____
TSS	_____	_____	_____	_____	_____	_____
NH ₃ -N	_____	_____	_____	_____	_____	_____
description:						
BOD ₅	_____	_____	_____	_____	_____	_____
TSS	_____	_____	_____	_____	_____	_____
NH ₃ -N	_____	_____	_____	_____	_____	_____
C. Tertiary treatment - description:						
BOD ₅	_____	_____	_____	_____	_____	_____
TSS	_____	_____	_____	_____	_____	_____
NH ₃ -N	_____	_____	_____	_____	_____	_____
3. Plant Effluent -						
BOD ₅	_____	_____	_____	_____	_____	_____
TSS	_____	_____	_____	_____	_____	_____
NH ₃ -N	_____	_____	_____	_____	_____	_____